

118TH CONGRESS  
1ST SESSION

**S.** \_\_\_\_\_

To require the Assistant Secretary for Preparedness and Response shall conduct risk assessments and implement strategic initiatives or activities to address threats to public health and national security due to technical advancements in artificial intelligence or other emerging technology fields.

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IN THE SENATE OF THE UNITED STATES

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Mr. MARKEY (for himself and Mr. BUDD) introduced the following bill; which was read twice and referred to the Committee on \_\_\_\_\_

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**A BILL**

To require the Assistant Secretary for Preparedness and Response shall conduct risk assessments and implement strategic initiatives or activities to address threats to public health and national security due to technical advancements in artificial intelligence or other emerging technology fields.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Artificial Intelligence  
5 and Biosecurity Risk Assessment Act”.

1 **SEC. 2. REGULAR ASSESSMENT OF EMERGING RISKS.**

2 Section 2811 of the Public Health Service Act (42  
3 U.S.C. 300hh–10) is amended by adding at the end the  
4 following:

5 “(h) ASSESSMENT OF EMERGING RISKS.—In car-  
6 rying out subsection (b)(4)(I), the Assistant Secretary for  
7 Preparedness and Response shall conduct risk assess-  
8 ments and implement strategic initiatives or activities to  
9 address whether technical advancements in artificial intel-  
10 ligence, such as open-source artificial intelligence models  
11 and large language models, can be used intentionally or  
12 unintentionally to develop novel pathogens, viruses, bio-  
13 weapons, or chemical weapons. Such initiatives and activi-  
14 ties may include—

15 “(1) regularly monitoring and researching po-  
16 tential global biological catastrophic risks in which  
17 biological agents could lead to sudden, extraordinary  
18 loss of life and sustained damage to national govern-  
19 ments, international relationships, economies, soci-  
20 etal stability, or global security; and

21 “(2) including in the National Health Security  
22 Strategy under section 2802 a summary of the risk  
23 assessment conducted under this subsection.”.